

IN THE CLAIMS

Claim 1 (original): A composition comprising one or more hydrogel-forming hydrophilic homopolymers or heteropolymers and one or more amphiphilic block-copolymers comprising hydrophobic polymer blocks being incompatible and hydrophilic polymer blocks being compatible with the hydrogel-forming hydrophilic homopolymers or heteropolymers.

Claim 2 (original): A pressure sensitive adhesive composition comprising the composition as claimed in claim 1 wherein the hydrophilic homopolymer or heteropolymer is selected from polymers having intrinsic adhesive properties, or the composition contain a tackyfier or a plasticizer providing or improving the adhesive properties of the composition.

Claim 3 (original): The composition as claimed in claim 2 wherein the hydrophilic homopolymer or heteropolymer is selected from polymers having intrinsic adhesive properties.

Claim 4 (original): The composition as claim 3 wherein the hydrophilic homopolymer or heteropolymer is a polymethylvinylether.

Claim 5 (original): The composition as claimed in claim 2 wherein the the composition contain a tackyfier or a plasticizer providing or improving the adhesive properties of the composition.

Claim 6 (currently amended): The composition according to ~~any of claims claim 1-2~~ claim 1 wherein the hydrophilic homopolymer or heteropolymer is poly-vinylpyrrolidone or copolymer containing vinylpyrrolidone monomer, preferably the hydrophilic homopolymer is poly-vinylpyrrolidone.

Claim 7 (currently amended): The composition according to ~~any of~~

~~claims 1-6~~ claim 1 comprising a plasticizer for the hydrophilic homopolymer or heteropolymer.

Claim 8 (original): The composition as claimed in claim 7 wherein the plasticizer is selected from the group consisting of polyethylene glycols, suitable PEG 400, and water.

Claim 9 (currently amended): The composition according to ~~any of claims 1-8~~ claim 1 wherein the hydrophobic block(s) of the amphiphilic block copolymer has a molecular weight of at least 1000, preferably between 1000 and 500.000, more preferred between 1000 and 300.000, more preferred between 1000 and 100.000, or most preferred between 1000 and 50.000.

Claim 10 (currently amended): The composition according to ~~any of claims 1-9~~ claim 1 wherein the hydrophilic block(s) of the amphiphilic block copolymer has a molecular weight of at least 1000, preferably between 1000 and 300.000, more preferred between 50.000 and 300.000.

Claim 11 (currently amended): The composition according to ~~any of claims 1-10~~ claim 1, characterized in that the amphiphilic block copolymer is a triblock copolymer having the formula ABA, a diblock copolymer of formula AB, or a multi block or three or multi arm star-shaped copolymer structure, containing A and B blocks.

Claim 12 (currently amended): The composition according to ~~any of claims 1-2, 9 and 11~~ claim 1, characterized in that the hydrophobic block(s) of the amphiphilic block copolymer comprises polymerised styrene.

Claim 13 (original): The composition according to claim 12 wherein the hydrophobic block(s) of the amphiphilic block copolymer consists essentially of polymerised styrene.

Claim 14 (currently amended): The composition according to ~~any of~~
~~claims 1-2, 9 and 11~~ claim 1, characterized in that the hydrophobic
block(s) of the amphiphilic block copolymer comprises polymerised
hydrophobic (meth)acrylic ester.

Claim 15 (original): The composition according to claim 14 wherein
the hydrophobic block(s) consists essentially of polymerised
(meth)acrylic ester.

Claim 16 (currently amended): The composition according to ~~any of~~
~~claims 1-2, 9 and 11~~ claim 1, characterized in that the hydrophobic
block(s) of the amphiphilic block copolymer comprises polymerised
vinyllic unsaturated aliphatic hydrocarbon comprising from 1 to 6
carbon atoms.

Claim 17 (original): The composition according to claim 16,
characterized in that the vinyllic unsaturated hydrocarbon comprises
4 carbon atoms

Claim 18 (currently amended): The composition according to ~~claims~~
~~1-2, 9 and 11-15~~ claim 1 wherein the amphiphilic block copolymer
comprises at least two hydrophobic blocks, one of the hydrophobic
block(s) consisting essentially of polymerised styrene and another
hydrophobic block consisting essentially of polymerised
(meth)acrylic acid ester.

Claim 19 (currently amended): The composition according to ~~any of~~
~~claims 1-2 and 10-11~~ claim 1, characterized in that the
hydrophilic block(s) of the amphiphilic block copolymer comprises
polymerised monomers selected from ethylenically unsaturated
monocarboxylic and dicarboxylic acid monomers, such as acrylic
acid, methacrylic acid, itaconic acid, maleic acid and fumaric
acid; and monoalkyl esters of dicarboxylic acids and their N-
substituted derivatives (amides), amides of unsaturated carboxylic
acids, such as acrylamide, methacrylamide, N-methoxyacrylamide,

acrylamide or methacrylamide, and N-alkylacrylamides; ethylenic monomers containing a sulphonic acid group and ammonium or alkali metal salts thereof, amides of vinylamine and unsaturated ethylenic monomers containing a secondary, tertiary or quaternary amino group, or a heterocyclic group containing nitrogen, and aminoalkyl (meth)acrylamides and zwitterionic monomers.

Claim 20 (original): The composition according to claim 19, characterized in that the hydrophilic block(s) of the amphiphilic block copolymer comprises polymerised acrylic acid and salts thereof.

Claim 21 (currently amended): The composition according to ~~any of claims 1-2, 10-11~~ claim 1 wherein the hydrophilic block is a polyethylene glycol or a homopolymer or copolymer of acrylic acid, maleic acid, hydroxyethylmethacrylate (HEMA), vinylpyrrolidone (NVP), polyethyleneglycol(meth)acrylate, ethoxypolyethyleneglycol(meth)acrylate, methoxyethyl(meth)acrylate, ethoxy(meth)acrylate, 2-dimethylaminoethyl(meth)acrylate (DMAEMA) and 3-dimethylaminopropylmethacrylamid (DMAPMA).

Claim 22 (currently amended): The composition according to ~~any of claims 1-2~~ claim 1 characterized in that the amphiphilic block copolymer is an amphiphilic polyurethane block copolymer.

Claim 23 (currently amended): The composition according to ~~any of claims 1-22~~ claim 1 in the form of foam.

Claim 24 (currently amended): A composition according to ~~any of claims 1-23~~ claim 1 containing a pharmaceutically active compound, such as an antibacterial agent.

Claim 25 (currently amended): A dressing, e.g. a wound dressing where the skin facing surface and/or the body of the dressing comprises a composition according to ~~any of claims 1-24~~ claim 1.

Claim 26 (currently amended): A medical device adapted for being attached to the surface of a living being comprising a pressure sensitive adhesive composition according to ~~any of claims 1-23~~ claim 1 at the surface, which is to be attached to the surface of the living being.

Claim 27 (currently amended): Use of an adhesive composition according to ~~any of claims 1-23~~ claim 1 for securing items, such as wound dressings, wound drainage bandages, ostomy, or prostheses to the skin.

Claim 28 (currently amended): Use of an adhesive composition according to ~~any of claims 1-23~~ claim 1 for sealing around an ostomy.

Claim 29 (currently amended): A medical appliance, e.g. a surgical suture, a catheter or a guidewire, for introduction into a natural or artificial body cavity of a living being, where at least the part of said appliance to be inserted into said body cavity comprises a composition according to ~~claims 1-23~~ claim 1.

Claim 30 (original): The medical appliance according to claim 29, which is carrying said composition as a coating at least on its outer surface.

Claim 31 (original): The medical appliance according to claim 29, where at least the part of the medical appliance to be inserted into said body cavity is made of said composition.

Claim 32 (currently amended): The medical appliance according to ~~any of claims 29-31~~ claim 29, wherein said composition contains

water or an aqueous solution in an amount sufficient to achieve a slippery surface of the composition.

Claim 33 (original): The medical appliance according to claim 32 wherein the aqueous solution contain an osmolality increasing water-soluble compound.

Claim 34 (original): The medical appliance according to claim 31 wherein said aqueous solution contain glycerol.

Claim 35 (currently amended): An electrically conductive composition comprising a composition according to ~~any of claims 1-22~~ claim 1 as well as an aqueous solution of a salt.

Claim 36 (currently amended): An electrode comprising an electrically conductive member and an electroconductive composition according to claim 35 being adapted to be in contact with the surface of a living being.